

10. Install the hub nut and tighten to the torque specification listed in **Table 1**.

**NOTE**

*Always install a new cotter pin. Never reuse an old one as it may break and fall out.*

11. Install a new cotter pin and bend the ends over completely.

12. Install the front wheel as described in this chapter.

## FRONT HUB AND BRAKE DRUM (4-WHEEL DRIVE)

### Removal/Installation

Refer to **Figure 13** for this procedure.

1. Remove the front wheel as described in this chapter.

**WARNING**

*Do not inhale brake dust. It may contain asbestos, which can cause lung injury and cancer.*

2. Remove the bolts (A, **Figure 19**) securing the brake drum to the hub.

3. Remove the front brake drum (B, **Figure 19**).

4. Remove the front hub nut cotter pin and discard it.

5. Remove the front hub nut (A, **Figure 20**) and slide off the front hub (B, **Figure 20**).

6. Inspect the front hub as described in this section.

7. Install the front hub onto the drive axle.

8. Install the hub nut and tighten to the torque specification listed in **Table 1**.

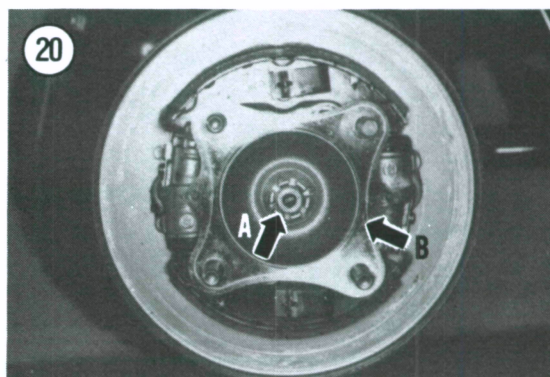
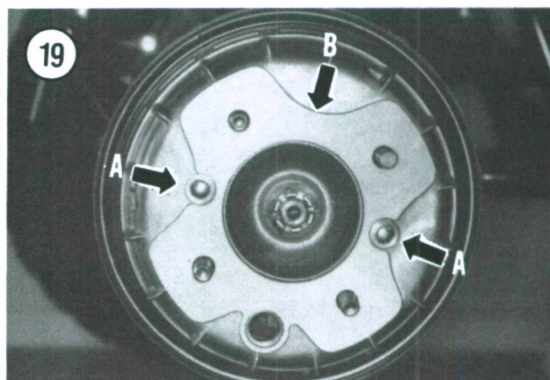
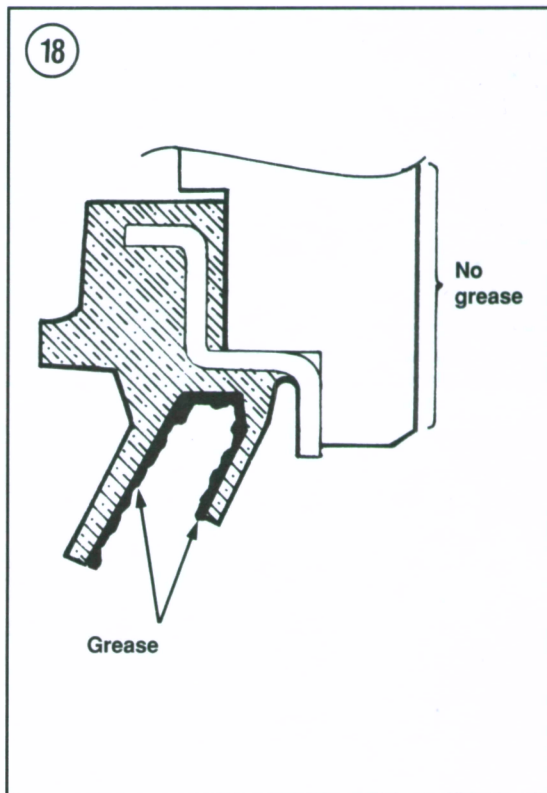
**NOTE**

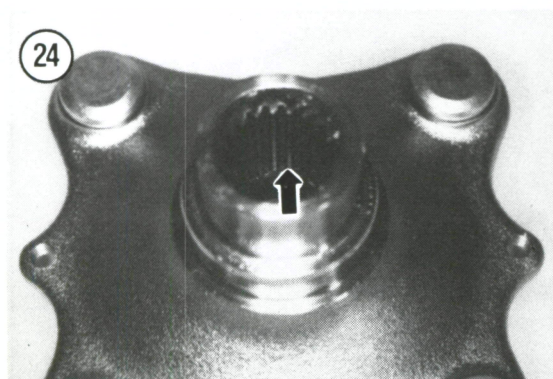
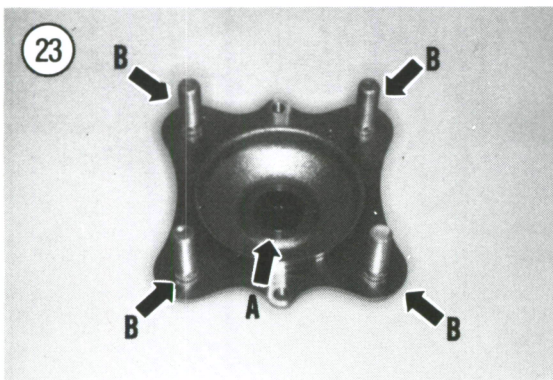
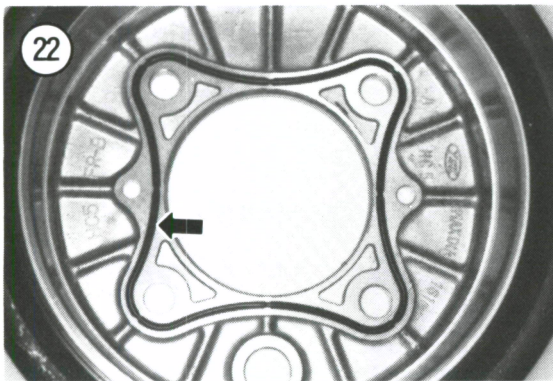
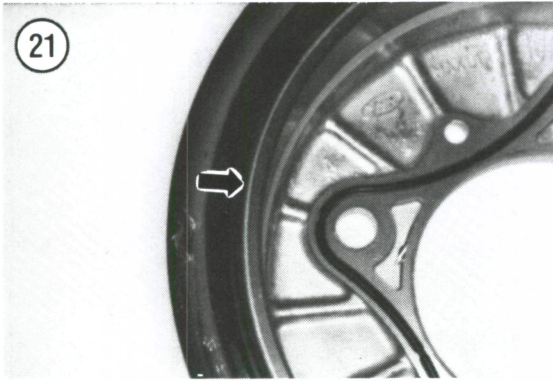
*Always install a new cotter pin. Never reuse an old one as it may break and fall out.*

9. Install a new cotter pin and bend the ends over completely.

**WARNING**

*Do not allow any grease to get onto the brake drum surface while applying it to waterproof seal lips as this would greatly reduce stopping power. If neces-*





sary, thoroughly clean off all grease with lacquer thinner.

10. Apply 14-16 grams (0.5-0.6 oz.) of multi-purpose grease (NLGI No. 3) to the waterproof seal lips (**Figure 21**) as shown in **Figure 18**.

11. Make sure the large O-ring seal (**Figure 22**) is in place before installing the brake drum.

12. Install the front brake drum and bolts. Tighten the bolts to the torque specification listed in **Table 1**.

13. Install the front wheel as described in this chapter.

### Inspection

#### NOTE

*The front hub on 4-wheel drive models is not equipped with any bearings. The front wheel bearings are located in the front steering knuckle and are covered in a separate procedure in this chapter.*

1. Inspect the grease seal (**A**, **Figure 23**). Replace if it is deteriorating or starting to harden.
2. Inspect the threaded studs (**B**, **Figure 23**) on the front hub. Replace as necessary.
3. Thoroughly clean out the inside of the hub splines with solvent and dry with compressed air or a shop cloth.
4. Inspect the splines (**Figure 24**) in the hub. If worn or damaged, replace the front hub.
5. Install a new hub and tighten the bolts to the torque specification listed in **Table 1**.
6. Pack the wheel hub splines with multipurpose grease.

### HANDLEBAR

#### Removal

Refer to **Figure 25** for this procedure.

#### CAUTION

*Cover the seat, fuel tank and front fender with a heavy cloth or plastic tarp to protect it from the accidental spilling of brake fluid. Wash any spilled brake fluid off any painted or plated surface immediately as it will destroy the finish. Use soapy water and rinse thoroughly.*

Copyright of Honda TRX300/FOURTRAX 300 & TRX300FW/FOURTRAX 300 4x4, 1988-2000 is the property of Penton Media, Inc. ("Clymer") and its content may not be copied or emailed to multiple sites or posted to a listserv without the copyright holder's express written permission. However, users may print, download, or email articles for individual use.